



Task Order 116 – eZ-Audit

Application Test Results Test Checkpoint #3

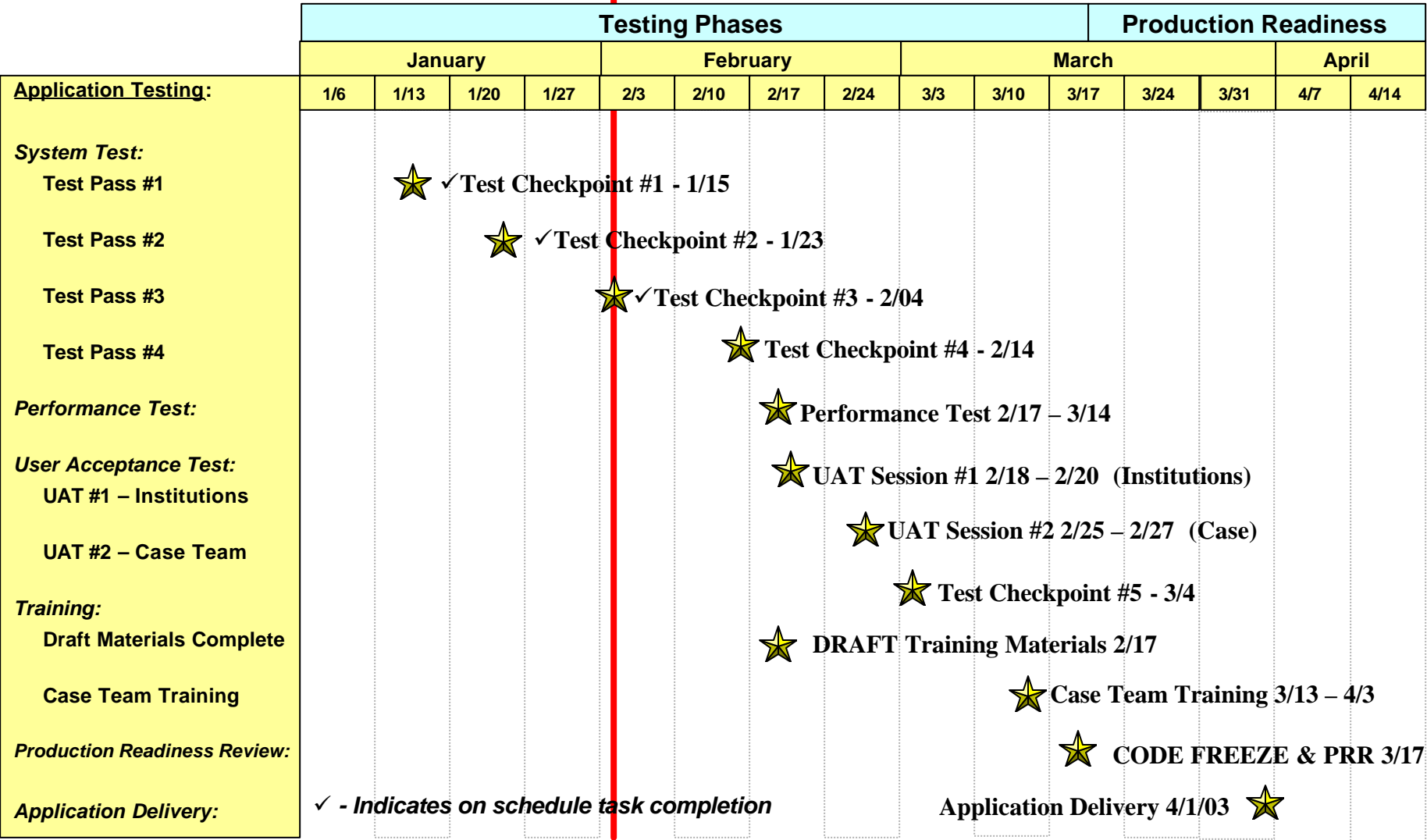
February 4, 2003

Agenda



- 2003 eZ-Audit Timeline
- System Test Execution Status – Test Pass #3
 - Total SIRs Logged
 - Total SIRs Assigned
 - Total SIRs Resolved
 - Total SIRS Remaining to be Fixed
- System Test Pass #4 Expectations & Goals
 - Pre-UAT Regression Test Objectives
- Upcoming Events & Key Milestone Dates
- Open Items

2003 eZ-Audit Timeline & Key Milestones



Test Pass #3 Status (as of January 31, 2003)



SIR Severity:	SIR Totals:
Level 1 – High	11
Level 2 – Medium	33
Level 3 – Low	13
Level 4 - Enhancement	11
Total SIRs Logged:	68

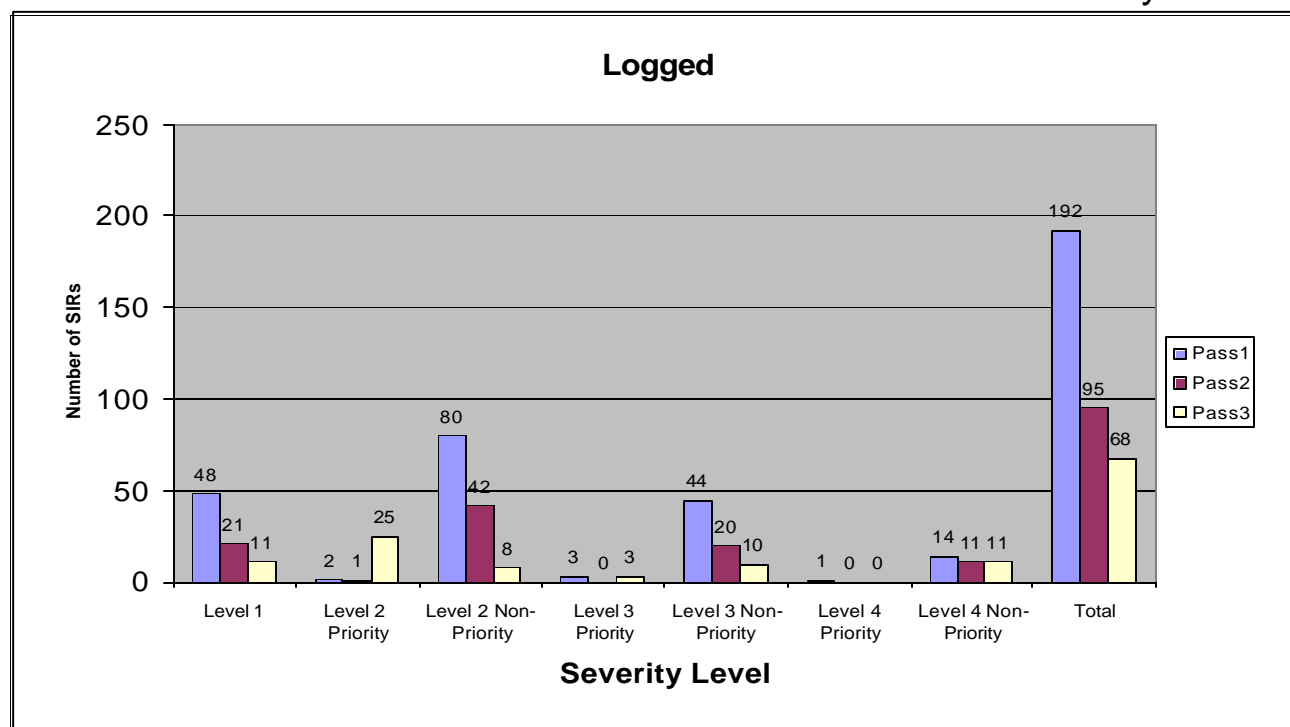
- Overall status through Test Pass #3
 - 68 SIRs logged during TP #3
 - 56 SIRs assigned to developers
 - 75 SIRs resolved for all test passes
- 99% of all test script steps were tested in Test Pass #3.
- All resolved SIRs were closed with *only* one exception.



Logged (Test Passes 1, 2 and 3)

	Logged			
	Pass1	Pass2	Pass3	Total
Level 1	48	21	11	80
Level 2 Priority	2	1	25	28
Level 2 Non-Priority	80	42	8	130
Level 3 Priority	3	0	3	6
Level 3 Non-Priority	44	20	10	74
Level 4 Priority	1	0	0	1
Level 4 Non-Priority	14	11	11	36
Total	192	95	68	355

- We continue to make significant reductions in the number of SIRs identified.
- Between Test Pass 2 and Test Pass 3
 - Level 1 SIRs were reduced by 47%
 - Level 2 SIRs were reduced by 23%
- An upgrade of 43 Level 2 SIRS to Priority status was made by Testers at the onset of Pass 3.

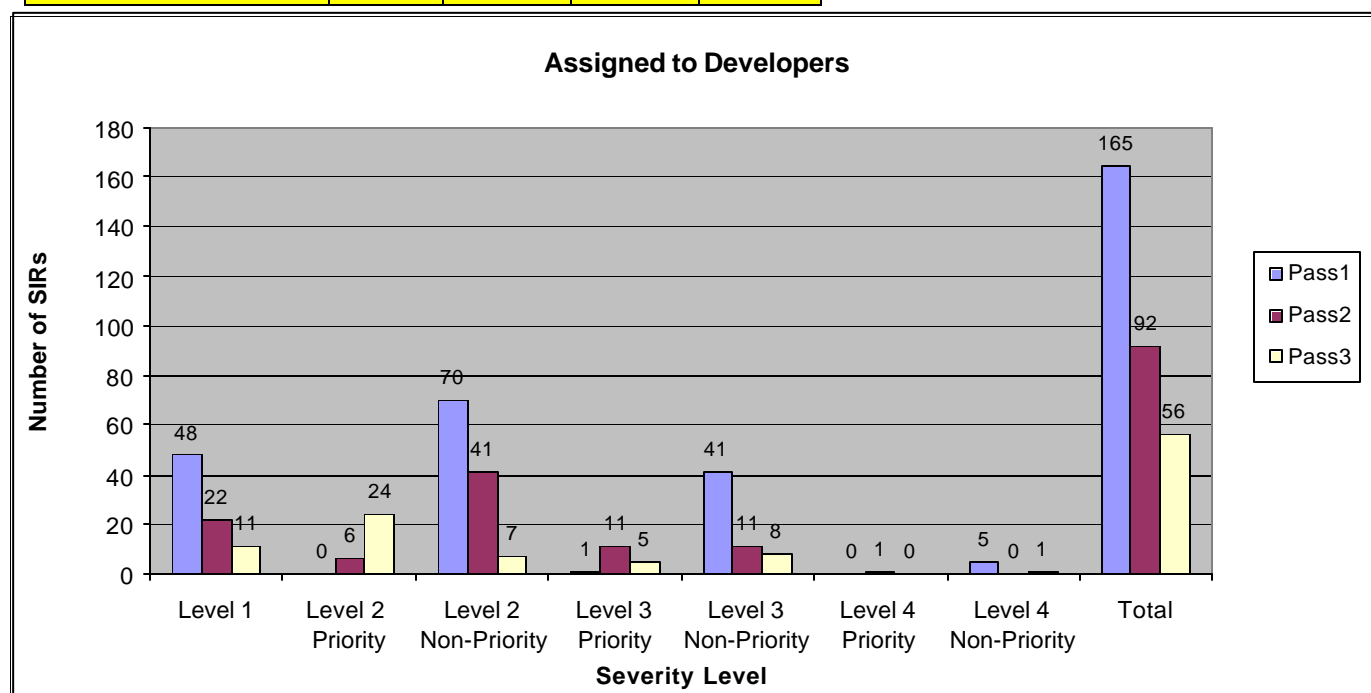




Assigned (Test Passes 1, 2 and 3)

	Assigned to Developers			
	Pass1	Pass2	Pass3	Total
Level 1	48	22	11	81
Level 2 Priority	0	6	24	30
Level 2 Non-Priority	70	41	7	118
Level 3 Priority	1	11	5	17
Level 3 Non-Priority	41	11	8	60
Level 4 Priority	0	1	0	1
Level 4 Non-Priority	5	0	1	6
Total	165	92	56	313

- Most of the logged SIRs are assigned to the developers. Some SIRs however are not assigned and are marked as rejected, postponed, duplicate or assigned for CCB Review.
- Of the 68 SIRs logged in Test Pass 3, 56 SIRs were assigned to the developers. ***This is a 39% reduction from Test Pass 2.***

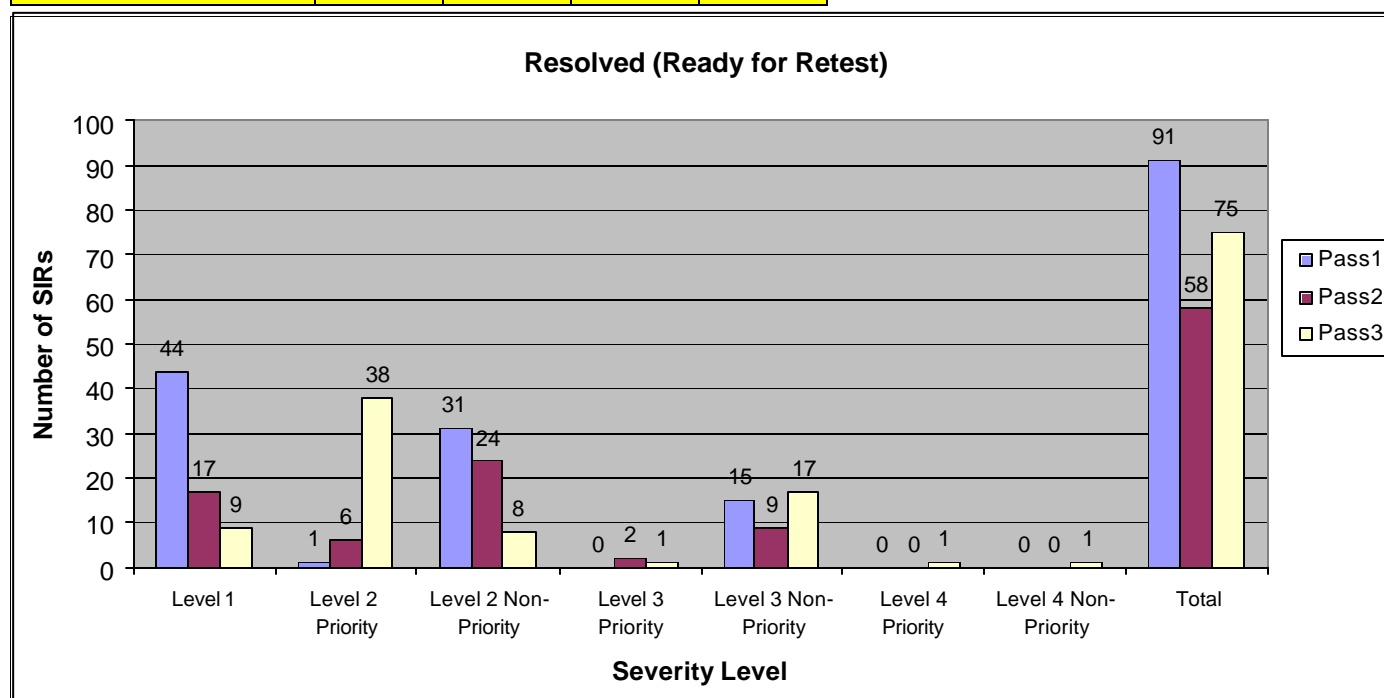




Resolved (Test Passes 1, 2 and 3)

	Resolved (Ready for Retest)			
	Pass1	Pass2	Pass3	Total
Level 1	44	17	9	70
Level 2 Priority	1	6	38	45
Level 2 Non-Priority	31	24	8	63
Level 3 Priority	0	2	1	3
Level 3 Non-Priority	15	9	17	41
Level 4 Priority	0	0	1	1
Level 4 Non-Priority	0	0	1	1
Total	91	58	75	224

- 224 SIRs have been fixed.
- In Pass 3 we have been able to fix SIRs at the rate of 9 SIRs per day.
- **98.4%** of 'developer fixed' SIRS have been validated as resolved via system test results.
- MicroStrategy reporting issue has been resolved
 - 13 of 14 reports execute as expected.

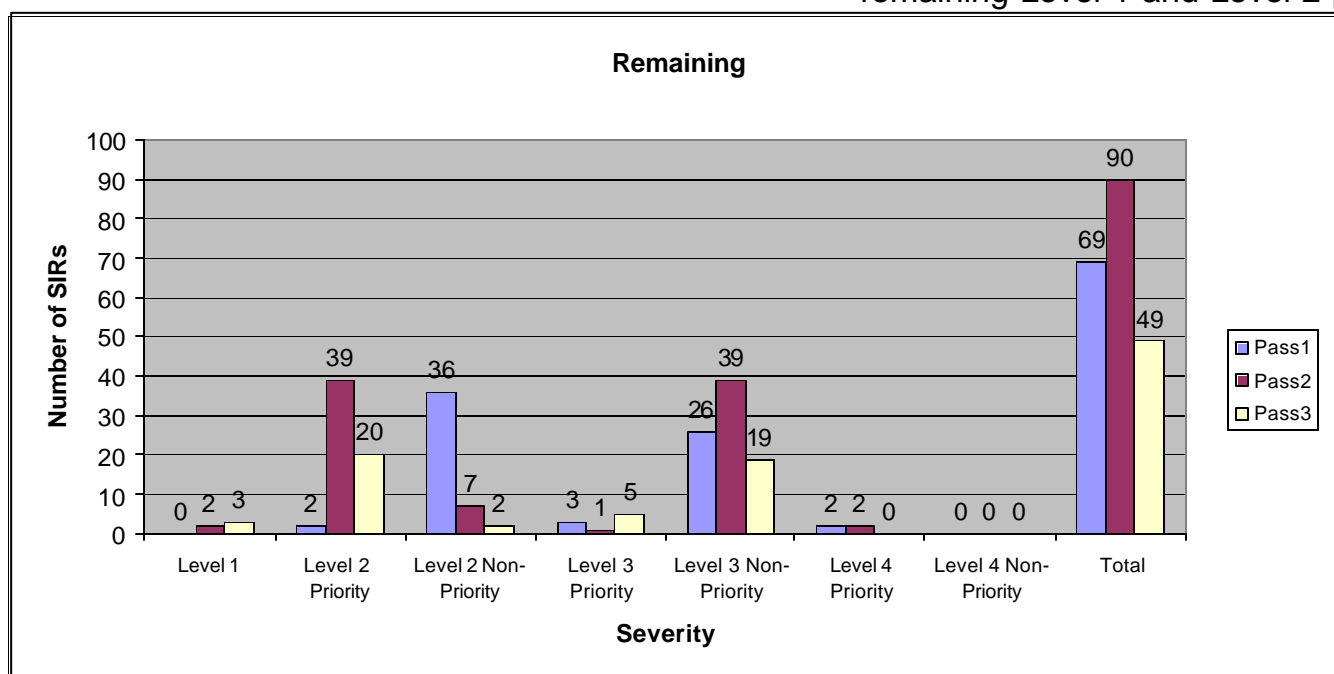




SIRs Remaining to be Fixed (after 3 passes)

	Remaining		
	Pass1	Pass2	Pass3
Level 1	0	2	3
Level 2 Priority	2	39	20
Level 2 Non-Priority	36	7	2
Level 3 Priority	3	1	5
Level 3 Non-Priority	26	39	19
Level 4 Priority	2	2	0
Level 4 Non-Priority	0	0	0
Total	69	90	49

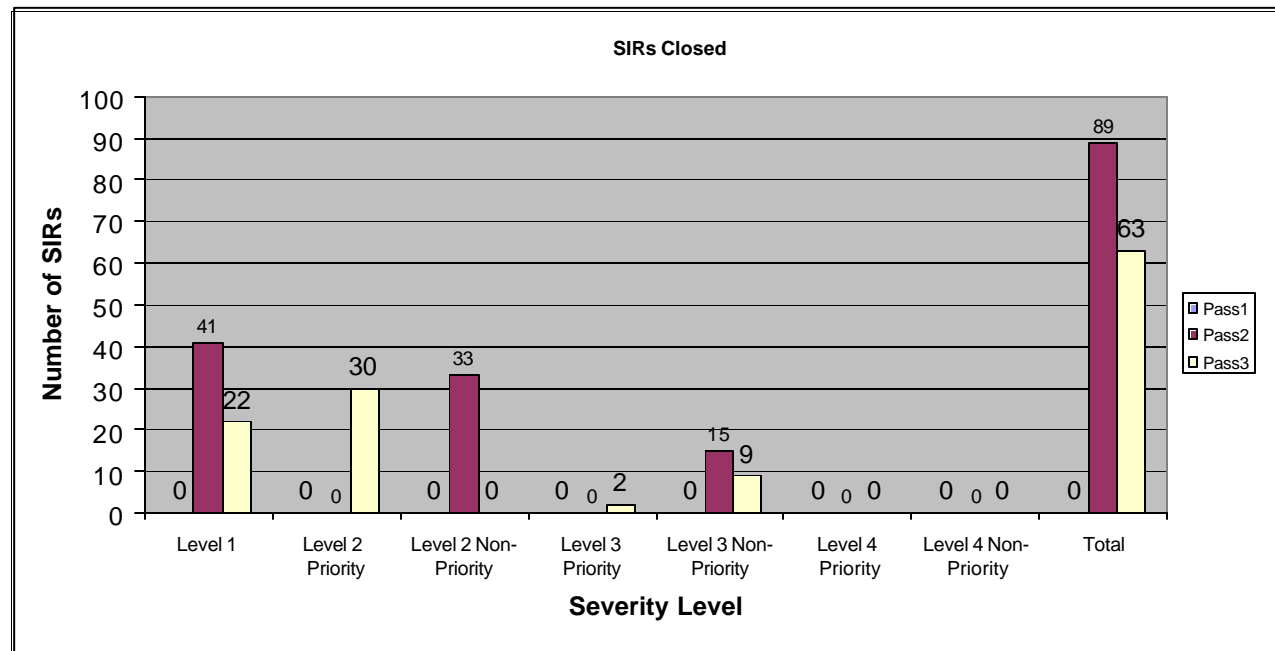
- Of the 355 SIRs logged, 49 SIRs remain to be fixed.
- Due to the complexity of some SIRs, several level 1 SIRs and a significant number of level 2 priority SIRs remained open at the end of Test Pass 3
 - Based on the developers' investigation, the Level 1 SIRs seem to be a browser-specific problem. The ITA team is working with us to solve this issue.
- In TP 4, we plan to continue resolving 7 L1 and L2P SIRs per day. Our goal is to fix at least 42 L1 and L2P SIRs. If we continue to reduce the number of SIRs by at least 39% (20 L1 & L2P SIRs), we believe we will be able to resolve all remaining Level 1 and Level 2 priority SIRs.



Closed (Test Passes 1, 2 and 3)



	Closed			
	Pass1	Pass2	Pass3	Total
Level 1	0	41	22	63
Level 2 Priority	0	0	30	30
Level 2 Non-Priority	0	33	0	33
Level 3 Priority	0	0	2	2
Level 3 Non-Priority	0	15	9	24
Level 4 Priority	0	0	0	0
Level 4 Non-Priority	0	0	0	0
Total	0	89	63	152



Test Pass #4 and UAT– Expectations & Goals



- Meet Exit Criteria for Test Pass #4 and UAT
 - All Level 1 SIRs will be fixed prior to start of UAT
 - All Level 2 (Priority) SIRs that have been identified prior to the start of TP #4 will be fixed prior to UAT
- Execute all test scripts for Test Pass #4
 - Decisions will be made to migrate code fixes in order to proceed
 - Validate all data from Reports
- Test all new [January] development as previously approved by CCB
- Complete Test Pass #4 by COB Friday, February 7th
- Execute Pre-UAT Regression Testing from February 11-14th
 - Only those test scripts that contained Level 1 and Level 2 SIRs from Test Pass #4 will be tested
 - Regression testing will include testing of all links and drop-down values
 - One tester will perform Regression testing using a Netscape browser

Upcoming Events & Key Milestone Dates



Activities	Dates
System Test (4 Runs)	
✓Test Pass 1	January 2 – January 10
✓Checkpoint #1	January 15
✓Test Pass 2	January 14 – January 20
✓Checkpoint #2	January 23
✓Test Pass 3	January 23 – January 29
✓Checkpoint #3	February 4
Test Pass 4	February 3 – February 7
Checkpoint #4	February 14
SIR Fixes from System Test	January 2 – February 10
Pre-UAT Regression Test	February 11 – February 14
User Acceptance Test (UAT) – 2 Sessions	
Institution Users	February 18 – February 20
Case Team Members	February 25 – February 27
Performance Test	
Performance Test and Tech Arch Tuning	February 17 – March 14



Upcoming Events & Key Milestone Dates

Activities	Dates
Final Code Fixes & Testing	
Post-UAT Regression Test	March 3 – March 17
Production Readiness Review (PRR)	
PRR Dry Run #1	March 3
PRR Dry Run #2	March 10
Production Readiness Review	March 17
Case Team Training	
Training materials – Drafts completed	February 17
Case Team Dry Run	March 4
Schools' User Guide posted to IFAP	April 1
Deployment Activities	
CODE FREEZE	March 17
Production Data Load	March 17 – March 31
Stabilization Support – 60 Days	April 1 – May 30

Open Items



- Static text for Initial/Reinstatement submissions (1/22/03)
 - Only one year's worth of financial data needs to be entered
- Text for Audit Information page (1/24/03)
 - Email text for Consolidated School Groups
 - Confirmation of School Group members (1/23/03)
- Reporting metrics (2/7/03)
 - How many Case Team users will be using the eZ-Audit application?
 - What is the approximate breakout by user roles (e.g., Coder, Screener/Analytics, ARS/FA, Co-Team Lead, Pre-Screener/QC)?
- Case Team users and role definitions (2/28/03)
 - Case Team user registration
- Performance Test Plan review by w/e 2/7/03



Appendix

Test Checkpoints

Charts Overview



Abbr.	Legend	Owner	Description
Log	Logged	Tester	SIRs found during testing.
Assigned	Assigned to Developers	Dev Lead	SIRs assigned to developers.
In Dev	In Development	Dev	The combination of SIRs assigned to the dev lead, developers and unassigned.
Out Dev	Out of Development	Dev	SIRs that are not the responsibility of the developers anymore, such as: resolved, closed, CCB Review, Duplicate, Reject.
Fixed	Resolved (Ready for Retest)	Dev	SIRs that have been fixed by the developers and ready to be retested by the testers
Closed	Closed	Test Lead	SIRs that are ready to be migrated to the system test environment for retest.
CCB	CCB Review	Test Lead	SIRs that require FSA decision to be resolved.
Dup	Duplicate	Test/Dev Lead	Same SIRs that have been logged in the system.

Test Checkpoint Objectives



- What is a Test Checkpoint ...
 - Definition of testing terminology – the System Investigation Request (SIR)
 - eZ-Audit Processing of a SIR
 - SIR severity levels
 - A status check of System Test progress
 - Passes Completed
 - Outcomes – Completed 73% of all test scripts
 - A report of the results for System Test execution
 - Number of SIRs logged (by Severity)
 - Number of SIRs resolved (by Severity)
 - Status of all Open SIRs (by Priority)

SIR Severity Definition



- Level 1 (High) – System Failure or Showstopper
- Level 2 (Medium) – Incorrect/incomplete result, but possible workaround exists
- Level 3 (Low) – Any inconsistency or Nice-to-have change with no impact to system functionality
- Level 4 (Enhancement) – New Requirement

SIR Resolution Process

TEST TEAM

1. Tester logs SIR and assigns severity level.



2. Test Lead verifies SIR and severity level. Assigns it to the Dev (Fix-it) Team Lead.



3a. If can't reach agreement on severity level, discuss it with PM and Implementation Team Lead during daily Triage meetings.

8. Test Lead confirms resolution and closes SIR.

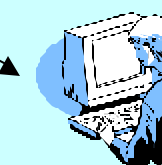
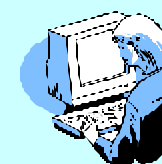
7. Tester retests SIR on the System Test Environment.

DEV (FIX-IT) TEAM

3. Dev (Fix-it) Team Lead agrees on SIR and severity level. Assigns it to a developer.



4. Developer fixes SIR, tests it on the dev and Assembly Test (AT) environments.



6. Developer migrates code to the System Test Environment.

5. Dev (Fix-it) team confirms SIR fixes with the original tester and changes status.



Performance Test Parameters

- **Number of Concurrent Users**
 - Number of Institution Users
 - Number of CASE Users
- **Functionalities that are frequently used**
 - Annual submission
 - Searches
 - Create users
 - Login / logout
 - Institution home
 - Co-team home
 - DDIF / ACD
- **Code that potentially requires heavy system resources**
 - Calculations
 - DB Lookups/ Updates
 - File Uploads
 - Reports